



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 25, 2020

Stephen A. Adams  
Senior Regulatory Affairs Manager  
Monsanto Company  
700 Chesterfield Parkway West  
Chesterfield, MO 63017

Subject: Amendment to Add Supplemental Labels – Addition of 3 Supplemental Labels  
Product Name: RD 1617 Herbicide  
EPA Registration Number: 524-549  
Application Date: April 5, 2019; April 12, 2019; November 18, 2019  
Decision Number: 551144, 551148, 559464

Dear Mr. Adams:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval is only for supplemental labels that are an addendum to the master label. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

This supplemental labeling contains some new and/or revised uses and/or directions which may be additional to the uses and/or directions found on the label on or attached to the container, but this supplemental labeling does not by itself constitute the complete set of use directions. The complete set of use directions is set forth on the container label as combined with this supplemental labeling.

A stamped copy of your labeling is enclosed for your records. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Kable Bo Davis by phone at 703-306-0415, or via email at [davis.kable@epa.gov](mailto:davis.kable@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "ES" followed by a flourish, and the word "for" written to the right.

Emily Schmid  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

# SUPPLEMENTAL LABELING

This supplemental label expires on March 31, 2023 and must not be used or distributed after this date.

READ THE ENTIRE LABEL FOR [INSERT BRAND NAME] BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

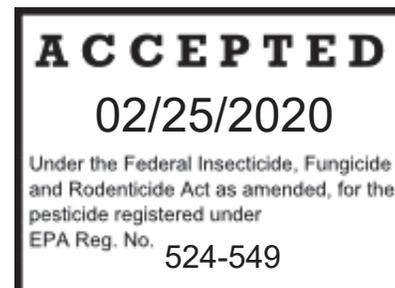
Primary Brand Name:

**RD 1617 Herbicide**

Alternate Brand Name:

**Roundup PowerMAX® Herbicide**

EPA Reg. No. 524-549



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## USE WITH AGRISURE® GT CORN

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Keep out of reach of children

### CAUTION

In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

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#### DIRECTIONS FOR USE

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It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

This label must be in the possession of the user at the time of herbicide application.

Read the label affixed to the [INSERT BRAND NAME] container before applying.

Use of [INSERT BRAND NAME] according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the [INSERT BRAND NAME] container.

AVOID CONTACT OF THIS HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, EXCEPT AS DIRECTED FOR USE ON ROUNDUP READY® AND OTHER GLYPHOSATE-TOLERANT CROPS, DESIRABLE PLANTS AND TREES, AS SEVERE PLANT INJURY OR DESTRUCTION COULD RESULT.

See "PRODUCT INFORMATION" and "MIXING" sections of the [INSERT BRAND NAME] labeling for essential product information.

TYPES OF APPLICATION: Preplant; At-Planting; Preemergence; Postemergence (In-crop); Spot Treatment; Preharvest; Post-Harvest

Maximum Application Rates	
Combined total per year for all applications	5.3 quarts per acre
Total for all Preplant, At-Planting, Preemergence applications	3.3 quarts per acre
Maximum single In-crop application rate up to V8 stage or 30-inch corn	22 fluid ounces per acre
Total for all In-crop applications from emergence through V8 stage or	44 fluid ounces per acre
Maximum Preharvest application rate after maximum kernel fill is complete and the crop is physiologically mature (black layer formation) until 7 days before harvest	22 fluid ounces per acre

**Preplant, At-Planting, Preemergence**

USE INSTRUCTIONS: This product may be applied alone or in a tank mixture before, during or after planting Agrisure GT corn.

TANK MIXTURES: This product may be tank-mixed with one or more products containing the active ingredients listed below. Apply these tank mixtures in 10 to 20 gallons of water, or 10 to 60 gallons of nitrogen solution, per acre. Refer to the individual label of all products used in the tank mixture for approved uses and application rates. Read and follow all label directions. It is the responsibility of the pesticide user to ensure that the intended use is included on the label of all products added to a tank mixture. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

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2,4-D; acetochlor; atrazine; bicyclopyrone; carfentrazone-ethyl; clopyralid; dicamba; diflufenzopyr; dimethenamid; dimethenamid-P; flufenacet; flumetsulam; flumiclorac pentyl ester; fluthiacet-methyl; isoxaflutole; linuron; mesotrione; metolachlor; s-metolachlor; metribuzin; pendimethalin; pyroxasulfone; rimsulfuron; saflufenacil; simazine; tembotrione; thiencazabone-methyl

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RESTRICTIONS: Maximum quantity of this product that may be applied for all preplant, at-planting and preemergence applications combined is 3.3 quarts per acre per season. Application of 2,4-D or dicamba must be made a minimum of 7 days prior to planting corn.

**NOTE:** For maximum weed control, make a postemergence (in-crop) application of this product following the use of a preemergence residual product listed above.

### **Postemergence (In-crop)**

USE INSTRUCTIONS: This product may be applied alone or in a tank-mix over the top of Agrisure GT corn from emergence through the V8 stage (8 leaves with collars), or until corn plant height reaches 30 inches (freestanding), whichever comes first, unless otherwise directed. Maximum single in-crop application rate of this product is 22 fluid ounces per acre. Total in-crop application of this product from corn plant emergence through the V8 stage or 30 inches in height must not exceed 44 fluid ounces per acre.

When applied as directed, this product will control annual grasses and broadleaf weeds listed on the **[INSERT BRAND NAME]** label. Many perennial grasses and broadleaf weeds will be controlled or suppressed with one or more applications of this product. Make a postemergence application of 16 to 22 fluid ounces of this product per acre before weeds exceed 4 inches in height (before they become competitive with the crop). Repeat this application before new flushes of weeds exceed 4 inches in height.

TANK MIXTURES: This product may be tank-mixed with a product containing the active ingredient acetochlor or atrazine. Ensure that the product used is labeled for application postemergence (in-crop) to field corn. Refer to the individual label of all products used in the tank mixture for approved uses and application rates. Read and follow label directions for all products in the tank mixture. It is the responsibility of the pesticide user to ensure that the intended use is included on the label of all products added to a tank mixture. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

PRECAUTIONS: In-crop applications made alone or with the addition of other crop chemical products could result in a crop response. Contact your seed trait provider for more information.

RESTRICTIONS: Allow a minimum of 10 days between in-crop applications of this product. Allow a minimum of 50 days between application of this product and harvest of corn forage or grain.

### **Preharvest**

USE INSTRUCTIONS: Up to 22 fluid ounces of this product per acre may be applied for annual and perennial weed control prior to harvest when kernel fill is complete, and the corn is physiologically mature (black layer formed) and grain moisture is 35 percent or less.

RESTRICTIONS: Allow a minimum of 7 days between application and harvest or feeding of corn stover or grain.

## Post-Harvest

USE INSTRUCTIONS: This product may be applied for weed control after crop harvest. Higher rates might be needed for control of large weeds that were growing in the field at the time of harvest. Tank mixtures with 2,4-D or dicamba may be used. Ensure that the product used is labeled for post-harvest application in field corn. Read and follow label directions for all products in the tank mixture.

RESTRICTIONS: Allow a minimum of 7 days between application and harvest or the feeding of vegetation within the application area. Application must be made a minimum of 30 days prior to the planting of any crop not listed on this label.

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Read the "Limit of Warranty and Liability" on the [INSERT BRAND NAME] product labeling before using. These terms apply to this supplemental labeling. If these terms are not acceptable, return the product unopened at once.

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[INSERT BRAND NAME] and Roundup Ready are [registered] trademarks of Monsanto Technology LLC. Agrisure is a [registered] trademark of a Syngenta Group Company.

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MONSANTO COMPANY  
800 N. LINDBERGH BLVD.  
ST. LOUIS, MISSOURI 63167

[INSERT DATE]

[PRINT PLATE NUMBER]

# SUPPLEMENTAL LABELING

This supplemental label expires on March 31, 2023 and must not be used or distributed after this date.

READ THE ENTIRE LABEL FOR [INSERT BRAND NAME] BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

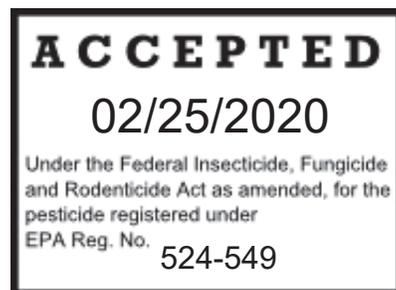
Primary Brand Name:

**RD 1617 Herbicide**

Alternate Brand Name:

Roundup PowerMAX® Herbicide

EPA Reg. No. 524-549



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## USE WITH ENLIST E3™ SOYBEAN

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Keep out of reach of children

### CAUTION

In case of an emergency involving this product, call collect, day or night, (314) 694-4000.

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#### DIRECTIONS FOR USE

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It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

This label must be in the possession of the user at the time of herbicide application.

Read the label affixed to the [INSERT BRAND NAME] container of before applying.

Use of [INSERT BRAND NAME] according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the [INSERT BRAND NAME] container.

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, EXCEPT AS DIRECTED FOR USE ON ROUNDUP READY® AND OTHER GLYPHOSATE-TOLERANT CROPS, DESIRABLE PLANTS AND TREES, AS SEVERE PLANT INJURY OR DESTRUCTION COULD RESULT.

See "PRODUCT INFORMATION" and "MIXING" sections of the [INSERT BRAND NAME] labeling for essential product information.

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TYPES OF APPLICATION: Preplant; At-Planting; Preemergence; Postemergence (In-crop); Preharvest; Post-Harvest

Maximum Application Rates	
Combined total per year for all applications	5.3 quarts per acre
Total for all Preplant, At-Planting, Preemergence applications	3.3 quarts per acre
Total for all In-crop applications from cracking through flowering (R2 stage soybean)	64 fluid ounces per acre
Maximum Preharvest application rate	22 fluid ounces per acre

#### Preplant, At-Planting, Preemergence

USE INSTRUCTIONS: This product may be applied before, during or after planting Enlist E3 soybean.

TANK MIXTURES: This product may be tank-mixed with 2,4-D and applied prior to planting only. This product may be tank-mixed with one or more products containing the active ingredients listed below and applied prior to crop emergence. Refer to the individual label of all products used in the tank mixture for approved uses and application rates. Read and follow all label directions. It is the responsibility of the pesticide user to ensure that the intended use is included on the label of all products added to a tank mixture. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

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acetochlor; carfentrazone-ethyl; chlorimuron ethyl; clethodim; clomazone; cloransulam-methyl; dimethenamid; dimethenamid-p; fluazifop-p-butyl; flufenacet; flumetsulam; flumiclorac pentyl ester; flumioxazin; fluthiacet-methyl; fomesafen; imazaquin; imazethapyr; lactofen; linuron; metolachlor; s-metolachlor; metribuzin; pendimethalin; pyroxasulfone; saflufenicil; quizalofop-p-ethyl; saflufenacil; sulfentrazone; thifensulfuron; tribenuron methyl; trifluralin

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RESTRICTIONS: Maximum quantity of this product that may be applied for all preplant, at-planting and preemergence applications combined is 3.3 quarts per acre per season.

### **Postemergence (In-crop)**

USE INSTRUCTIONS: This product may be used to control annual grasses and broadleaf weeds in Enlist E3 soybean from emergence (cracking) through flowering (R2 stage soybean). R2 stage soybean ends when a pod 5 millimeters (3/16 inch) long appears at one of the four uppermost nodes on the main stem with a fully developed leaf (R3 stage). Refer to the "ANNUAL WEEDS RATE SECTION" of the [INSERT BRAND NAME] label for application rates for specific annual weeds.

An initial application of 22 fluid ounces of this product per acre will control or suppress most 2 to 8-inch tall weeds, which are normally found approximately 2 to 5 weeks after planting. If the initial application is delayed and weeds are larger, apply a higher rate of this product. This product may be applied up to 44 fluid ounces per acre as a single, in-crop application for control of annual weeds and where dense weed populations exist.

Application of 22 to 44 fluid ounces of this product per acre (single or multiple applications) will control or suppress perennial weeds, including bermudagrass, Canada thistle, common milkweed, field bindweed, hemp dogbane, horsenettle, marestalk (horseweed), nutsedge, quackgrass, rhizome johnsongrass, redvine, trumpetcreeper, swamp smartweed and wirestem muhly. For enhanced results, allow perennial weed species to achieve at least 6 inches of growth before applying this product.

Under adverse growing conditions, including drought, hail or wind damage, or a poor soybean stand that slows or delays canopy closure, a sequential application of this product might be necessary to control late flushes of weeds. IN THE SOUTHERN STATES, A SEQUENTIAL APPLICATION OF THIS PRODUCT WILL BE REQUIRED TO CONTROL NEW FLUSHES OF WEEDS IN THE ENLIST E3 SOYBEAN CROP. To control giant ragweed, apply 22 fluid ounces of this product per acre when the weed is 8 to 12 inches tall to increase control and possibly avoid the need for a sequential application.

PRECAUTIONS: In-crop applications made alone or with the addition of other crop chemical products could result in a crop response. Contact your seed trait provider for more information.

RESTRICTIONS: The combined total application of this product from crop emergence through harvest must not exceed 64 fluid ounces per acre. The maximum rate for any single in-crop application is 44 fluid ounces per acre. The maximum combined total amount of this product that may be applied during flowering (R2 stage soybean) is 44 fluid ounces per acre.

### **Preharvest**

USE INSTRUCTIONS: Up to 22 fluid ounces of this product per acre may be applied to Enlist E3 soybean for weed control prior to harvest after pods have set and lost all green color. Take care to avoid excessive seed shatter loss due to ground application equipment.

RESTRICTIONS: Allow a minimum of 14 days between application and harvest of soybean grain or feeding of soybean grain, forage or hay.

## Post-Harvest

USE INSTRUCTIONS: This product may be applied for weed control after harvest of Enlist E3 soybean. Higher rates might be needed for control of large weeds that were growing in the field at the time of harvest.

RESTRICTIONS: Application of this product must be made a minimum of 30 days prior to the planting of any crop not listed on this label.

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Read the "Limit of Warranty and Liability" on the **[INSERT BRAND NAME]** product labeling before using. These terms apply to this supplemental labeling. If these terms are not acceptable, return the product unopened at once.

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**[INSERT BRAND NAME]** and Roundup Ready are [registered] trademarks of Monsanto Technology LLC. Enlist E3 is a [registered] trademark of Corteva Company.

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ST. LOUIS, MISSOURI 63167

[INSERT DATE]

[PRINT PLATE NUMBER]

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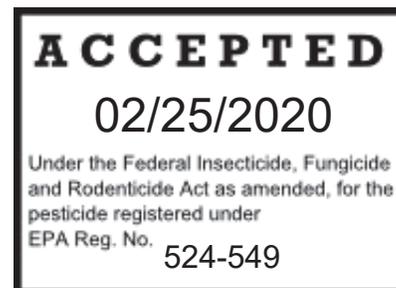
Primary Brand Name:

**RD 1617 Herbicide**

Alternate Brand Name:

**Roundup PowerMAX® Herbicide**

EPA Reg. No. 524-549



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## USE WITH GT27 SOYBEAN

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Keep out of reach of children

### CAUTION

In case of an emergency involving this product, call collect, day or night, (314) 694-4000.

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### DIRECTIONS FOR USE

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It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

This label must be in the possession of the user at the time of herbicide application.

Read the label affixed to the [INSERT BRAND NAME] container before applying.

Use of [INSERT BRAND NAME] according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the [INSERT BRAND NAME] container.

AVOID CONTACT OF THIS HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, EXCEPT AS DIRECTED FOR USE ON ROUNDUP READY® AND OTHER GLYPHOSATE-TOLERANT CROPS, DESIRABLE PLANTS AND TREES, AS SEVERE PLANT INJURY OR DESTRUCTION COULD RESULT.

See "PRODUCT INFORMATION" and "MIXING" sections of the [INSERT BRAND NAME] labeling for essential product information.

TYPES OF APPLICATION: Preplant; At-Planting; Preemergence; Postemergence (In-crop); Preharvest; Post-Harvest

Maximum Application Rates	
Combined total per year for all applications	5.3 quarts per acre
Total for all Preplant, At-Planting, Preemergence applications	3.3 quarts per acre
Total for all In-crop applications from cracking through flowering (R2 stage soybean)	64 fluid ounces per acre
Maximum Preharvest application rate	22 fluid ounces per acre

#### Preplant, At-Planting, Preemergence

USE INSTRUCTIONS: This product may be applied before, during or after planting GT27 soybean.

TANK MIXTURES: This product may be tank-mixed with 2,4-D and applied prior to planting only. This product may be tank-mixed with one or more products containing the active ingredients listed below and applied prior to crop emergence. Refer to the individual label of all products used in the tank mixture for approved uses and application rates. Read and follow all label directions. It is the responsibility of the pesticide user to ensure that the intended use is included on the label of all products added to a tank mixture. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

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acetochlor; carfentrazone-ethyl; chlorimuron ethyl; clethodim; clomazone; cloransulam-methyl; dimethenamid; dimethenamid-p; fluazifop-p-butyl; flufenacet; flumetsulam; flumiclorac pentyl ester; flumioxazin; fluthiacet-methyl; fomesafen; imazaquin; imazethapyr; lactofen; linuron; metolachlor; s-metolachlor; metribuzin; pendimethalin; pyroxasulfone; saflufenicil; quizalofop-p-ethyl; saflufenacil; sulfentrazone; thifensulfuron; tribenuron methyl; trifluralin

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RESTRICTIONS: Maximum quantity of this product that may be applied for all preplant, at-planting and preemergence applications combined is 3.3 quarts per acre per season.

### **Postemergence (In-crop)**

USE INSTRUCTIONS: This product may be used to control annual grasses and broadleaf weeds in GT27 soybean from emergence (cracking) through flowering (R2 stage soybean). R2 stage soybean ends when a pod 5 millimeters (3/16 inch) long appears at one of the four uppermost nodes on the main stem with a fully developed leaf (R3 stage). Refer to the "ANNUAL WEEDS RATE SECTION" of the [INSERT BRAND NAME] label for application rates for specific annual weeds.

An initial application of 22 fluid ounces of this product per acre will control or suppress most 2 to 8-inch tall weeds, which are normally found approximately 2 to 5 weeks after planting. If the initial application is delayed and weeds are larger, apply a higher rate of this product. This product may be applied up to 44 fluid ounces per acre as a single, in-crop application for control of annual weeds and where dense weed populations exist.

Application of 22 to 44 fluid ounces of this product per acre (single or multiple applications) will control or suppress perennial weeds, including bermudagrass, Canada thistle, common milkweed, field bindweed, hemp dogbane, horsenettle, marestalk (horseweed), nutsedge, quackgrass, rhizome johnsongrass, redvine, trumpetcreeper, swamp smartweed and wirestem muhly. For enhanced results, allow perennial weed species to achieve at least 6 inches of growth before applying this product.

Under adverse growing conditions, including drought, hail or wind damage, or a poor soybean stand that slows or delays canopy closure, a sequential application of this product might be necessary to control late flushes of weeds. IN THE SOUTHERN STATES, A SEQUENTIAL APPLICATION OF THIS PRODUCT WILL BE REQUIRED TO CONTROL NEW FLUSHES OF WEEDS IN THE GT27 SOYBEAN CROP. To control giant ragweed, apply 22 fluid ounces of this product per acre when the weed is 8 to 12 inches tall to increase control and possibly avoid the need for a sequential application.

PRECAUTIONS: In-crop applications made alone or with the addition of other crop chemical products could result in a crop response. Contact your seed trait provider for more information.

RESTRICTIONS: The combined total application of this product from crop emergence through harvest must not exceed 64 fluid ounces per acre. The maximum rate for any single in-crop application is 44 fluid ounces per acre. The maximum combined total amount of this product that may be applied during flowering (R2 stage soybean) is 44 fluid ounces per acre.

### **Preharvest**

USE INSTRUCTIONS: Up to 22 fluid ounces of this product per acre may be applied to GT27 soybean for weed control prior to harvest after pods have set and lost all green color. Take care to avoid excessive seed shatter loss due to ground application equipment.

RESTRICTIONS: Allow a minimum of 14 days between application and harvest of soybean grain or feeding of soybean grain, forage or hay.

## Post-Harvest

USE INSTRUCTIONS: This product may be applied for weed control after harvest of GT27 soybean. Higher rates might be needed for control of large weeds that were growing in the field at the time of harvest.

RESTRICTIONS: Application of this product must be made a minimum of 30 days prior to the planting of any crop not listed on this label.

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Read the "Limit of Warranty and Liability" on the **[INSERT BRAND NAME]** product labeling before using. These terms apply to this supplemental labeling. If these terms are not acceptable, return the product unopened at once.

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**[INSERT BRAND NAME]** and Roundup Ready are [registered] trademarks of Monsanto Technology LLC. GT27 is a [registered] trademark of BASF Company.

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